

Table 20.12-- NONFUEL MINERAL PRODUCTION: 1996 TO 1998

[Estimated production as measured by mine shipments, sales, or marketable production, including consumption by producers, Data are rounded to three significant digits; may not add to totals shown]

Minerals	1996	1997 1/	1998 2/
QUANTITY (1,000 METRIC TONS)			
Cement:			
Masonry	5	3	3
Portland	312	252	261
Gemstones	(NA)	(NA)	(NA)
Sand and gravel (construction)	(D)	378	378
Stone (crushed)	6,560	5,560	5,000
VALUE (\$1,000)			
Total 3/	110,000	93,700	85,500
Cement:			
Masonry 4/	500	332	300
Portland 4/	32,000	29,600	31,000
Gemstones	153	66	33
Sand and gravel (construction)	(D)	4,210	4,210
Stone (crushed)	77,500	59,500	50,000

NA Not available.

D Withheld to avoid disclosing company proprietary data.

1/ Revised.

2/ Preliminary.

3/ Partial total, excludes values that must be concealed to avoid disclosing company proprietary data.

4/ For 1996 & 1997, data have been estimated.

Source: U.S. Geological Survey, Bureau of Mines, "The *Mineral Industry of Hawaii*" from internet address <http://minerals.er.usgs.gov/minerals/pubs/state/hi.html>.